

Application No.: 09/687,734  
Response dated: August 19, 2004  
Reply to Office Action of: June 22, 2004

### AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

#### Listing of Claims:

1. (Currently Amended) A method for preparing a supported catalyst composition comprising the steps of:
  - (a) forming a supported activator wherein the supported activator is in a mineral oil; and
  - (b) contacting the supported activator with a combination consisting essentially of a bulky ligand and a metal compound.
2. (Currently Amended) The method of claim 1 wherein the bulky ligand and the metal compound are combined in a liquid prior to contacting with the supported activator.
3. (Original) The method of claim 1 wherein the supported activator comprises a support material and an activator.
4. (Original) The method of claim 3 wherein the activator is an alumoxane.
5. (Cancel)
6. (Original) The method of claim 2 wherein the liquid is an aliphatic hydrocarbon.
7. (Original) The method of claim 1 wherein the metal compound is represented by the formula:
$$ML_x$$
wherein M is a Group 3 to 12 metal from the Periodic Table of Elements and L is selected from the group consisting of hydrogen, halogen, hydrocarbyl, alkoxide,

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aryoxide, carboxylate, carbodionate, amide, carbamate and phosphide; and "x" is an integer depending on the valence state of metal.

8. (Original) The method of claim 1 wherein the supported activator is the reaction product of a support material comprising surface hydroxyl groups and an organoaluminum compound.
9. (Original) The method of claim 1 wherein the metal compound is a Group 4 metal compound.
10. (Currently Amended) A process for polymerizing olefin(s) in the presence of a supported catalyst system, the supported catalyst system produced by contacting a supported activator, and a combination consisting essentially of a bulky ligand and a metal compound.
11. (Currently Amended) The process of claims 10 or 21, wherein the process is a gas phase process.
12. (Currently Amended) The process of claims 10 or 21, wherein the supported activator comprises a support material and an activator.
13. (Currently Amended) The process of claims 10 or 21, wherein the metal compound is represented by the formula:  
$$ML_x$$

wherein M is a Group 3 to 12 metal from the Periodic Table of Elements and L is selected from the group consisting of hydrogen, halogen, hydrocarbyl, alkoxide, aryoxide, carboxylate, carbodionate, amide, carbamate and phosphide; and "x" is an integer depending on the valence state of metal.
14. (Currently Amended) The process of claims 10 or 21, wherein the supported catalyst system is in a slurry state.

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15. (Currently Amended) An activated olefin polymerization supported catalyst system comprising a ~~bulky ligand, a metal compound, and supported activator~~ and a combination consisting essentially of a ligand and a metal compound.
16. (Original) The supported catalyst system of claim 15 wherein the supported activator comprises a support material and an activator.
17. (Currently Amended) The supported catalyst system of claim 15 wherein the weight percent of the supported activator to the ~~bulky~~ ligand and metal compound is in the range of from 99.6 to 80.
18. (Original) The supported catalyst system of claim 15, wherein the supported activator is a supported alumoxane.
19. (Original) The supported catalyst system of claim 15, wherein the activated supported polymerization supported catalyst system is in a liquid.
20. (Original) The supported catalyst system 15, wherein the supported activator is in a mineral oil.
21. (New) The process of claim 10, wherein said combination consists essentially of two or more ligands and a metal compound.

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